

M 5.7, COLOMBIA

Origin Time: Sat 2008-09-13 09:32:01 UTC
Location: 4.78°N 75.49°W Depth: 132 km

PAGER Version 2

Created: 4 days, 1 hrs after earthquake

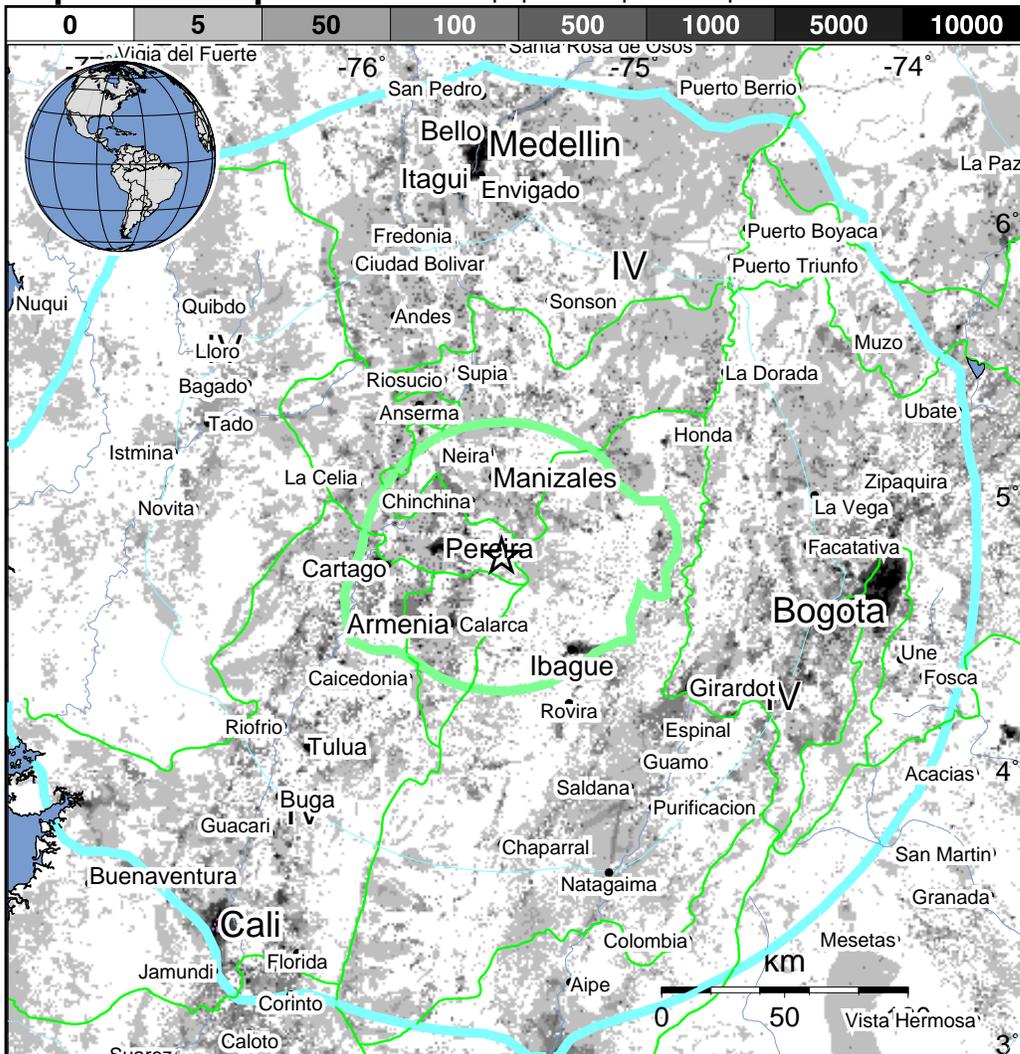
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,360k*	19,160k	2,748k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landsat 2006

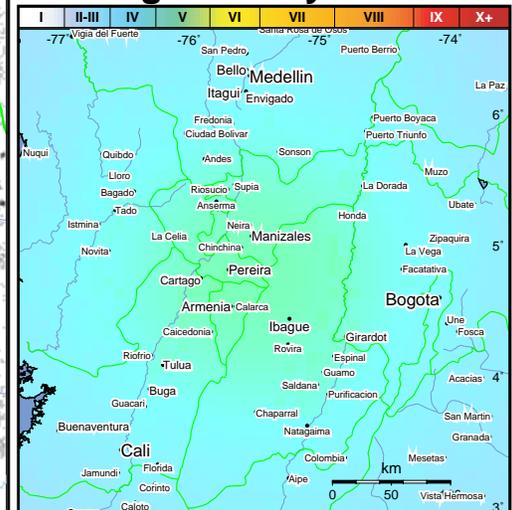


Selected City Exposure

MMI City	Population
V Pereira	440k
V Montenegro	36k
V Alcala	9k
V Quimbaya	31k
V Dos Quebradas	179k
V Armenia	315k
V Ibague	421k
IV Medellin	1,999k
IV Bogota	7,102k
IV Bello	392k
IV Cali	2,392k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 6.1 earthquake 51 km Northeast of this one struck Colombia on January 25, 1999 (UTC), with estimated population exposures of 32,000 at intensity VIII and 393,000 at intensity VII, resulting in an estimated 1,900 fatalities. Recent earthquakes in this area have caused landslides and liquefaction that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008wxay